ILUMICON

User Manual

ILUMINARC®

Edition Notes

The ILUMICON User Manual Rev. 02 covers the description, safety precautions, installation, programming, operation, and maintenance of the ILUMICON controller. ILUMINARC® released this edition of the ILUMICON User Manual Rev. 02 in January 2012.

Trademarks

The ILUMINARC® logo, the ILUMINARC® name, and all other trademarks in this document related to services or products by ILUMINARC® are trademarks owned or licensed by ILUMINARC®, its affiliates, or subsidiaries. Any other product names, logos, brands, company names, trademarks featured or referred to within this document are the property of their respective trademark holders.

Copyright Notice

The entire content of this document, except where applicable and unless otherwise noted, is solely owned by ILUMINARC®, a wholly owned trademark of CHAUVET & Sons, Inc.

© Copyright 2012 ILUMINARC®.

All rights reserved.

Electronically published by ILUMINARC® in the United States of America.

Manual Usage

ILUMINARC® authorizes its customers to download and print this manual for professional information purposes only. ILUMINARC® expressly prohibits the usage, copy, storage, distribution, modification, or printing of this manual or its content for any other purpose without its written consent.

Document Printing

For better results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure your printer to scale the content of this document to A4 paper.

Intended Audience

Any person in charge of installing, operating, and/or maintaining the ILUMICON should read all of this User Manual before installing, operating, or maintaining this product.

Disclaimer

ILUMINARC® believes that the information contained in this manual is accurate in all respects. However, ILUMINARC® assumes no responsibility for any error or omissions in this document. ILUMINARC® reserves the right to revise this document and to make changes from time to time in the content hereof without obligation of ILUMINARC® to notify any person or company of such revision or changes. This does not constitute in any way a commitment by ILUMINARC® to make such changes. ILUMINARC® may issue a revision of this manual or a new edition of it to incorporate such changes.

Document Revision

The ILUMICON User Manual Rev. 02 supersedes all previous versions of this manual. Please discard any older versions of this manual you may have, whether in printed or electronic format, and replace them with this version.

Author	Date	Editor	Date
S. Graham	01/09/12	D. Couppe	01/09/12

Table of Contents

1. Introduction 1

What Is In The Box 1
Unpacking Instructions 1
Claims 1
Text Conventions 1
Safety Notes 2
Personal Safety 2
Mounting and Installation 2
Power and Wiring 2
Operation 2

2. Product Description 3

Features 3
Product Overview 4
Product Dimensions 5

3. Installation 6

AC Power 6
Power Consumption 6
DMX Linking 7
DMX Connection 7
Installation Notes 8
Setup 8
Product Linking 9
Data Cabling 9
Mounting 10
Installation 10
Procedure 10

4. Operation 11

Control Panel Description 11
Setup 11
Menu Map 12
Wash Program 13
Effect Program 13
Custom Program 13
Play Schedule 13
Clock 13
Schedule 13
Settings 14
Activating Password Mode 14
Control via External DMX 14
DMX Channel Values 15

5. Technical Information 16

Product Maintenance 16
Product Repairs 16
Troubleshooting Guide 16
Returns Procedure 17
Contact Us 17
Technical Specifications 18

1. Introduction

This icon indicates critical installation, configuration, or operation information. Failure to comply with this information may render the product partially or completely inoperative, damage third-party equipment, or cause harm to the user.

This icon indicates important installation or configuration information. Failure to comply with this information may prevent the product from functioning correctly.

This icon indicates useful, non-critical information.

What Is In The Box

- One ILUMICON
- One External Voltage Adaptor (12 VDC output)
- One IP66 to DMX Cable Adaptor
- One Warranty Card
- One User Manual

Unpacking Instructions

Immediately upon receiving a product from ILUMINARC®, carefully unpack the carton. Check the contents of the box to ensure that all parts are present and that they are in good condition.

Claims

The carrier is responsible for any damage incurred during shipping. Therefore, if the received merchandise appears to have been damaged during shipping, the customer must submit the damage report and any related claims to the carrier, not ILUMINARC®. The customer must submit the report upon receipt of the damaged merchandise. Failure to do so in a timely manner may invalidate the customer's claim with the carrier.

For other issues such as missing components or parts, damage not related to shipping, or concealed damage, the customer must make claims to ILUMINARC® within seven (7) days of receiving the merchandise.

Text Conventions

Convention	Meaning
1~512	A range of values in the text
50/60	A set of mutually exclusive values in the text
"ILUMICON UM"	The name of another publication or manual
<SET>	A button on the product's control panel
Settings	A product function or a menu option
MENU > Settings	A sequence of menu options
1~10	A range of menu values from which to choose in a menu
Yes/No	A set of two mutually exclusive menu options in a menu
ON	A unique value to enter or select in a menu

The term "DMX" used throughout this document refers to the USITT DMX512-A transmission protocol.

Safety Notes

Please read all the following Safety Notes carefully because they include important information on how to install, use, and maintain this product safely.

There are no user-serviceable parts inside this product. Any reference to servicing you may find in this User Manual will only apply to properly certified ILUMINARC® technicians. Do not open the housing or attempt any repairs unless you are certified to do so.

Personal Safety

- Always disconnect this product from its power source before servicing.
- Always connect this product to a grounded circuit to avoid the risk of electrocution.
- Do not touch this product's housing when operating because it may be very hot.

Mounting and Installation

- This product is for indoor use only! To prevent risk of fire or shock, do not expose this product to rain or moisture.
- Make sure there are no flammable materials close to this product while it is operating.

Please refer to all applicable local codes and regulations for the proper installation of this product.

Power and Wiring

- Always make sure that you are connecting this product to the proper voltage, as per the specifications in this manual or on the product's sticker.
- Never connect this product to a dimmer pack.
- Make sure that the external voltage adapter or power input cable is not cracked, crimped, or damaged.
- Never disconnect this product by pulling or tugging on the power input cable.

Keep this manual for future consultation. If you sell this product to another user, make sure that they also receive this manual.

Operation

- The maximum ambient temperature is 104° F (40° C). Do not operate this product at a higher temperature.
- In case of a serious operating problem, stop using this product immediately!

In the unlikely event that your ILUMICON may require service, please contact ILUMINARC® Technical Support.

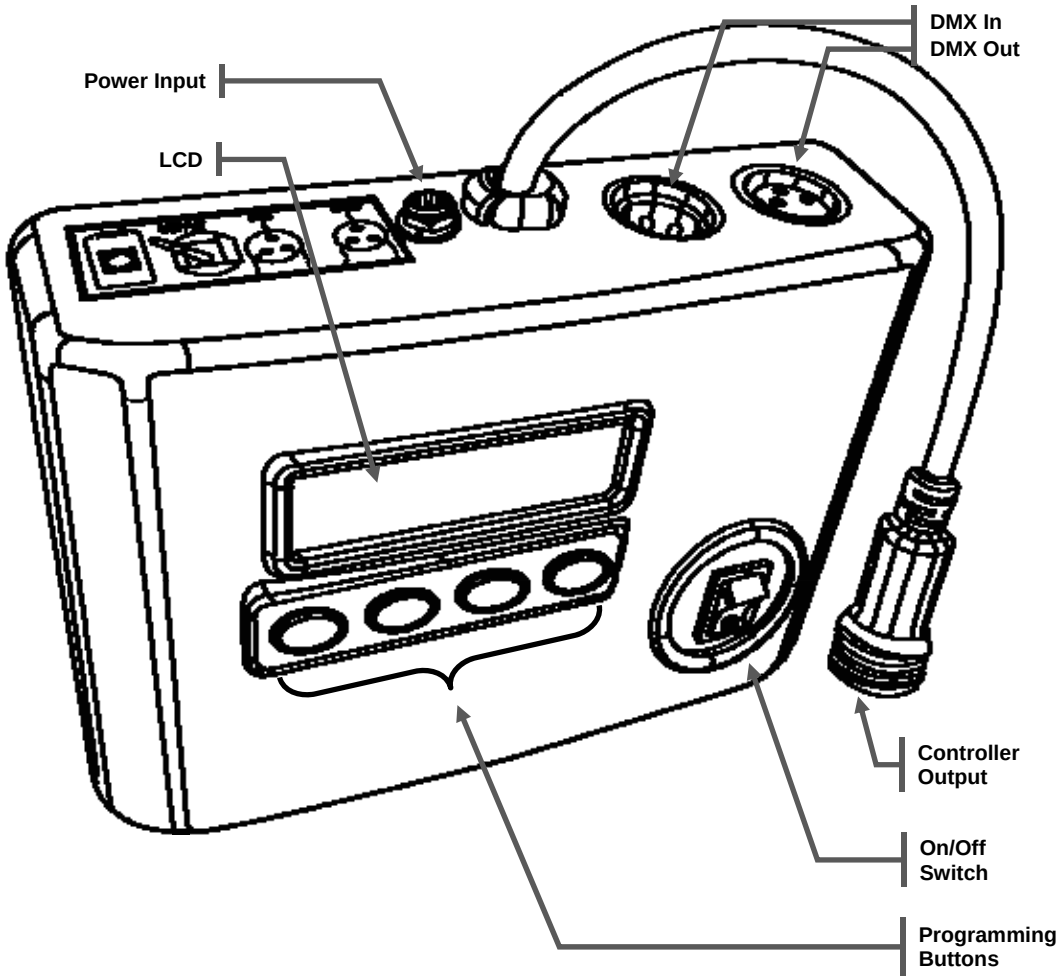
2. Product Description

The ILUMICON is a 4-channel proprietary DMX controller capable of using ID addressing to control up to 66 ILUMINARC® products. The ILUMICON consists of a main control module and an external power adapter.

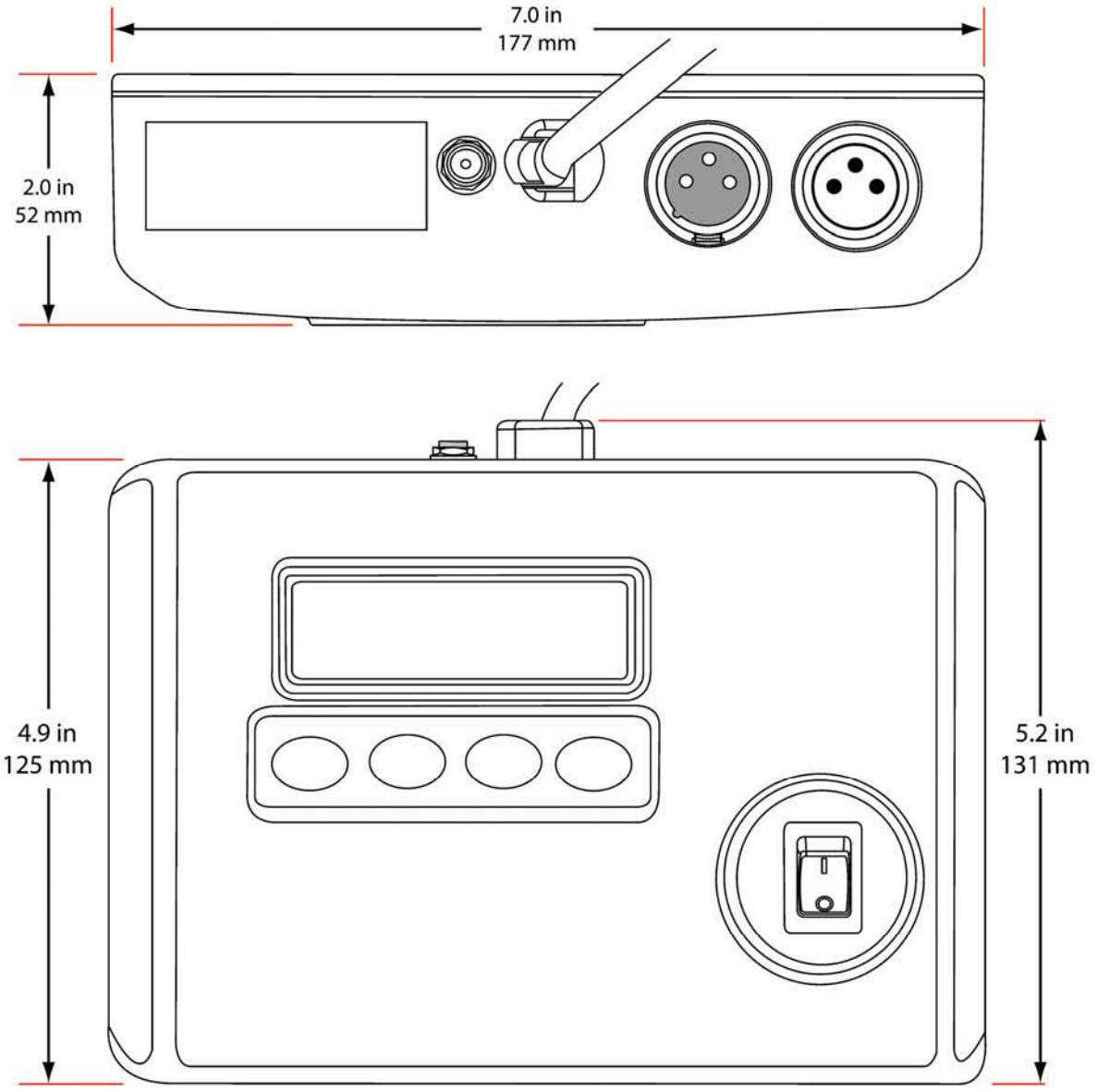
Features

- 16 editable programs: 8 static, 8 kinetic
- Four-channel DMX-512 protocol controller
  1-channel: Wash programs
  2-channel: Effect programs
  3-channel: Custom programs
  4-channel: On/Off
- Controls up to 66 products (with ID addressing)
- Eight user-programmable shows with 100 steps each
- Individual pod control
- Playback schedules via internal clock
- LCD display with password protection

Product Overview



Product Dimensions



3. Installation

Always connect the ILUMICON and its controlled fixtures to a protected circuit with an appropriate electrical ground to avoid the risk of electrocution or fire.

Never connect the ILUMICON to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

AC Power

The ILUMICON Controller has an external voltage adapter that provides it with 12 VDC (500 mA minimum). The input voltage for this voltage adapter is set to match the mains voltage where the ILUMICON will operate. Please refer to the sticker on the voltage adapter for more information.

Make sure that you are connecting the ILUMICON to the proper voltage, as per the specifications in this User Manual or on the product's sticker.

Power Consumption

To determine the power requirements for the ILUMICON see the label affixed to the side of the product. Alternatively, you may refer to the corresponding specifications chart in the *Technical Information* chapter of this manual.

The listed current rating indicates the maximum current draw during normal operation.

DMX Linking

If using the ILUMICON Controller along with other DMX compatible fixtures, it is possible to control them individually with a single DMX controller. DMX compatible fixtures use a serial data link between them. If you are not familiar with the DMX standard, or if you need information about the DMX cables needed to link the ILUMICON to a DMX controller, you may download the "DMX Primer" from the ILUMINARC® website at http://www.iluminarc.com/reports/dmx-primer

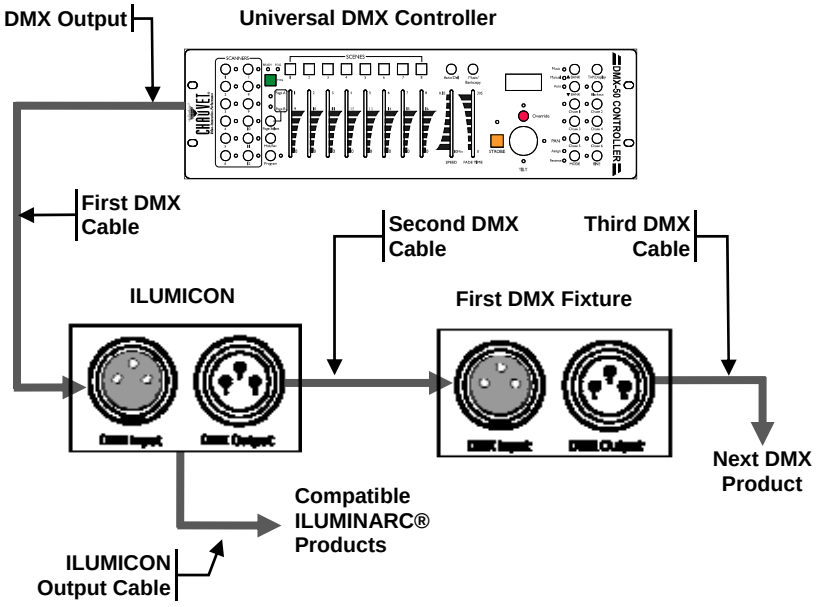
DMX Connection

The ILUMICON uses the standard DMX data connection for its 4-channel DMX mode. Refer to the *Introduction* chapter for a brief description of this mode and the *Operation* Instructions chapter to learn how to configure the ILUMICON to work in this mode. The *DMX Channel Values* section will give you detailed information regarding the 4-channel DMX mode.

The procedure below illustrates a possible connection method.

1. Connect the 3-pin, male connector of the first DMX cable to the DMX Output connector (3-pin, female) of the DMX controller.
2. Connect the 3-pin, female connector of the first DMX cable coming from the controller to the DMX Input connector (3-pin, male) of the ILUMICON.
3. Connect the 3-pin, male connector of the second DMX cable to the DMX Output connector (3-pin, female) of the ILUMICON
4. Connect the 3-pin, female connector of the second DMX cable coming from the ILUMICON to the DMX Input connector of the first DMX compatible product.
5. Continue linking the other DMX compatible products in the same way.

DMX Connection Diagram



Installation Notes

The ILUMICON consists of two parts, the controller housing and the external power adapter. The controller housing is IP20-rated.

Always keep the power cables away from the signal cables by running them in different conduits and using separate distribution boxes.

Setup

Product Control Panel Setup:

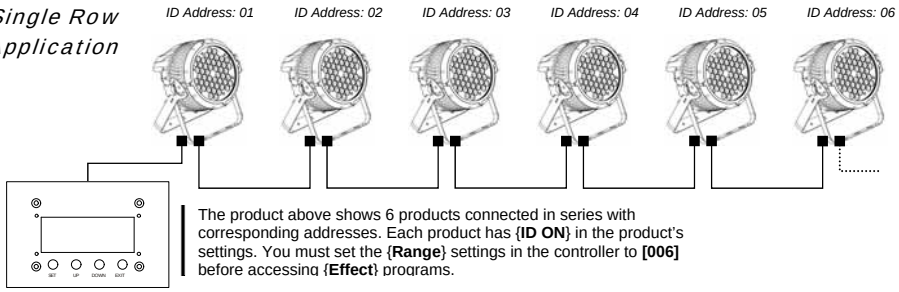
Activate ID addressing in each product by setting panel function {**ID ON/OFF**} to ON.
{**MENU**} ➲ {**Settings**) ➲ {**ID ON/OFF**} ➲ **[ON]**

Set ID addresses in each product by setting panel function {**ID address**} to incremental values. (i.e. 1,2,3,4,5,6,etc…)
{**MENU**} ➲ {**Settings**} ➲ {**ID address**} ➲ **[01 ~ 66]**

It is not necessary to set the DMX address.

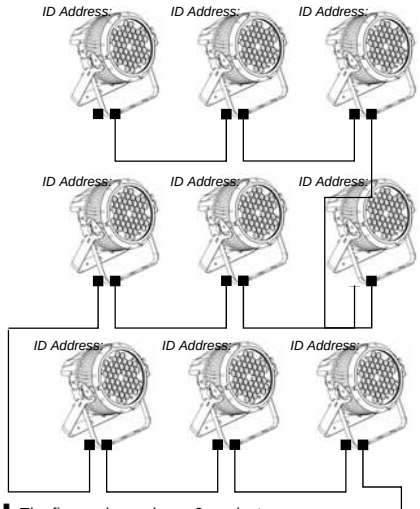
Controller Setup:
When using the {**Effect program**} function, it is necessary to set the {**Settings**} ➲ {**Range**} setting, which is the quantity of products in series.
{**MENU**} ➲ {**Settings**} ➲ {**Range**} ➲ **[(No. of fixtures)]**

Single Row Application



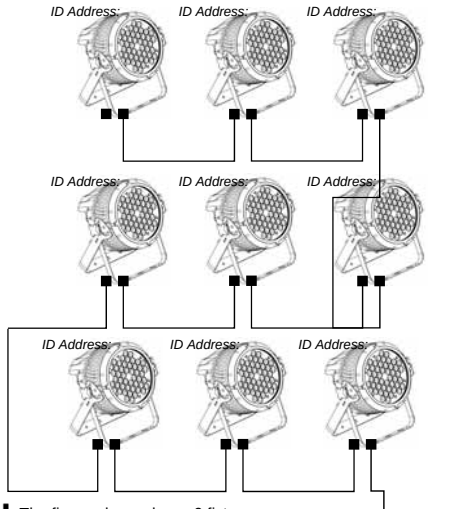
The product above shows 6 products connected in series with corresponding addresses. Each product has {**ID ON**} in the product's settings. You must set the {**Range**} settings in the controller to **[006]** before accessing {**Effect**} programs.

Repeat Row Block Application



The figure above shows 9 products connected in series. Three rows comprised of 3 products are addressed identically. Each product has {**ID ON**} in the product's settings. You must set the {**Range**} settings in the controller to **[003]** before accessing {**Effect**} programs.

Block Application



The figure above shows 9 fixtures connected in series with corresponding addresses. Each fixture has {**ID ON**} in the fixture's settings. You must set the {**Range**} settings in the controller to **[009]** before accessing {**Effect**} programs.

Product Linking

Products on a serial data link must be daisy chained in one single line. To comply with the EIA-485 standard no more than 32 devices should be connected on one data link. Connecting more than 32 products on one serial data link without the use of a DMX optically-isolated splitter may result in deterioration of the digital DMX signal.

Use a serial data link for one or more products using a DMX-512 controller or products set to Master/Slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.
Maximum recommended serial data link distance: 500 meters (1,640 ft.)
Maximum recommended number of fixtures on a serial data link: 32 fixtures.

Data Cabling

DMX Data Cable

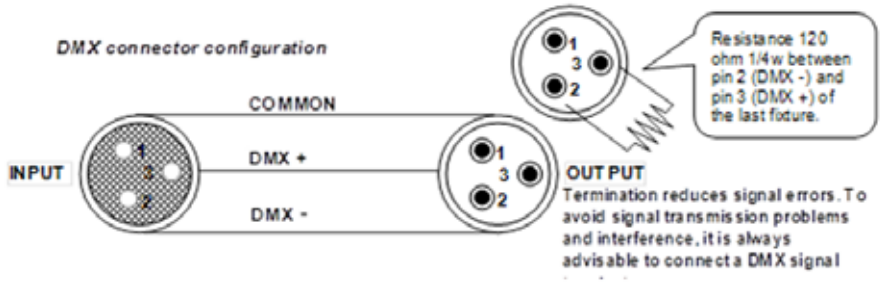
Use a Belden© 9841 or equivalent cable which meets the specifications for EIA RS-485 applications. Standard microphone cables cannot transmit DMX data reliably over long distances. The cable must have the following characteristics:

2-conductor twisted pair plus a shield
Maximum capacitance between conductors – 30 pF/ft
Maximum capacitance between conductor and shield – 55 pF/ft
Maximum resistance of 20 ohms/1,000 ft
Nominal impedance 100~140 ohms

Cable Connectors

Cabling must have male and female XLR connectors.

Make sure to mount this product away from any flammable material as indicated in the Safety Notes.


DMX connector configuration
COMMON
DMX +
DMX -
INPUT
OUT PUT
Resistance 120 ohm 1/4w between pin 2 (DMX -) and pin 3 (DMX +) of the last fixture.
Termination reduces signal errors. To avoid signal transmission problems and interference, it is always advisable to connect a DMX signal

Do not allow contact between the common and the product's chassis ground. Grounding the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.

Cable Connectors

If you use a controller with a 5-pin DMX Output connector, you will need to use a 5-pin to 3-pin adapter. Iluminarc® Model No. DMX5M or DMX5F.

3 PIN TO 5 PIN CONVERSION CHART

Conductor	3 Pin Female (output)	5 Pin Male (Input)
Ground/Shield	Pin 1	Pin 1
Data (-) signal	Pin 2	Pin 2
Data (+) signal	Pin 3	Pin 3

For further information on cabling for DMX, including how to set up a DMX serial data link, download the "DMX Primer" from the ILUMINARC® website at www.iluminarc.com.

Mounting

Make sure there is a suitable power outlet for the ILUMICON's voltage adapter near the location where you will mount the ILUMICON unit.

Before mounting this product, read and follow the safety recommendations indicated in the Safety Notes. Always mount this product in a safe position, making sure there is adequate room for ventilation, configuration, and maintenance.

Installation

The ILUMICON consists of a main unit and an external power adapter. ILUMINARC® recommends following the general guidelines below when mounting the ILUMICON.

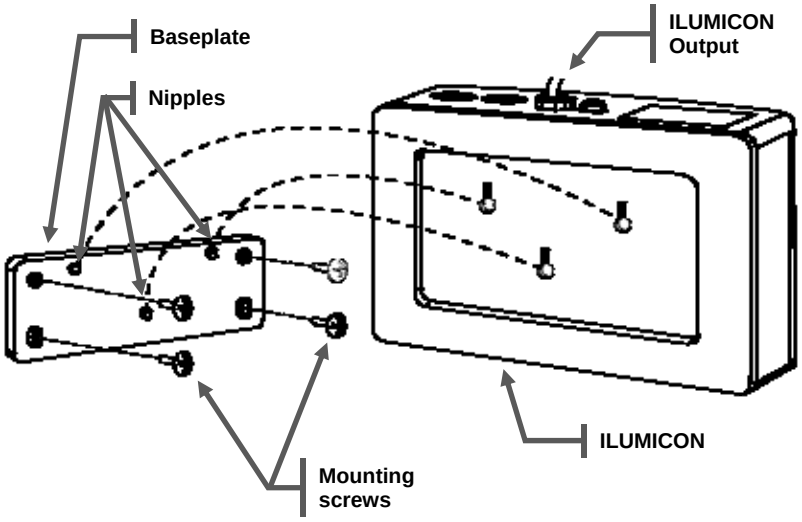
- Consider ease of access to the product for operation, programming adjustments and routine maintenance.
- Never mount the product in places where rain, high humidity, extreme temperature changes, or restricted ventilation may affect it.

Procedure

You should mount the ILUMICON's baseplate on a flat, dry surface, whether plywood or other suitable material. The ILUMICON's detachable baseplate has four holes to accommodate regular screws for this purpose.

In any case, remember the recommendations indicated above regarding access to the product and necessary room for ventilation.

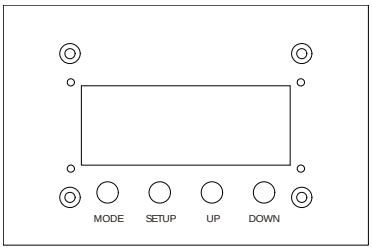
The diagram below shows the detachable baseplate and its three nipples. These must slide all the way inside the corresponding slots on the back of the ILUMICON to ensure a safe unit rigging.



4. Operation

Control Panel Description

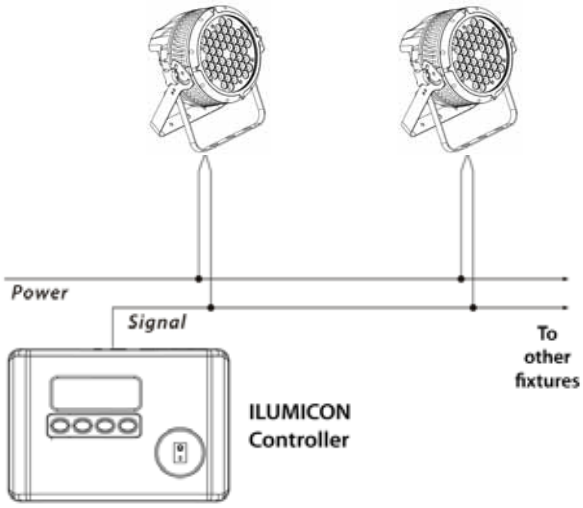
Button	Function
<MODE>	Accesses main menu or exits from the current menu or function
<SETUP>	Enables the currently displayed menu or sets the currently selected value in to the current function
<UP>	Navigates upwards through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downwards through the menu list and decreases the numeric value when in a function



Setup

When programming live performances as well as cues that need to trigger on demand or on a timeline, program no more than 10 products on ID addressing per DMX channel. This is to remain within a one-second execution time.

1. Connect from the OUT on the controller to the DMX Input side of the ILUMICON using a DMX XLR cable.
2. It is recommended that you power up all products connected prior to turning on the controller. This ensures that the controller will auto-detect all DMX addresses. Alternatively you can use {**Detect device**} from the {**Settings**} menu.
3. Set ID addresses on the units in ascending order.
4. Set the {**Range**} in the {**Settings**} menu.
5. **Note: There is no need to set ID and Range for {Wash} programs.**



Menu Map

Main Function	Selection	Selection	Selection	Selection
Wash program	Wash [1] ⇔ Wash [8]	Edit	Step time [001] ⇔ [255]	Defines the duration of each program step
			Fade time [001] ⇔ [255]	Defines the fade time for each program step
Effect program	Effect [1] ⇔ Effect [8]	Edit	Speed [001] ⇔ [100]	Defines the speed of the effect program
Custom program	Custom [1] ⇔ Custom [8]	Edit	Scene [1] ⇔ Scene [100]	ID address [000*] ⇔ [066] (*0 = all units)
				Step time [000] ⇔ [255]
				Fade time [000] ⇔ [255]
				Red [000] ⇔ [255]
				Green [000] ⇔ [255]
				Blue [000] ⇔ [255]
				Module [001] ⇔ [006]
				Strobe [000] ⇔ [020]
Play schedule	Schedule			Activates the pre-configured schedule(s)
Clock	Time now	i.e. 12/31/2006 13:50:24		Shows current time and date
	Edit time	i.e. 12/31/2006 13:50:24		Edits time and date
Schedule	Wash [1] ⇔ Wash [8]	Start>>>End 00:00>>00:00		Sets the daily schedule for each Wash, Effect and Custom program
	Effect [1] ⇔ Effect [8]			
	Custom [1] ⇔ Custom [8]			
Settings	DMX address	[001] ⇔ [250]		Sets the unit's DMX address
	Range	[001] ⇔ [100]		Limits the ID address range
	Allow edit	[YES] ⇔ [NO]		Allows or denies editing
	Detect device	>>>		Detects a specific device
	Reset to Factory settings	[YES] ⇔ [NO]		Defaults the COLOR-CON to its factory settings
Password	Password ON/OFF	[ON] ⇔ [OFF]		Sets the unit's password
	Set password	[ ]		

Wash Program

Select from the eight existing [**Wash**] programs and it will instantly play.

Set the [**Step time**] and the [**Fade time**] in the [**Edit**] function if desired.

The unit of time is 5 seconds and it can be adjusted 001~255.

Effect Program

Select from the eight existing [**Effect**] programs and it will instantly play.

Vary the [**Speed**] of the effect 001~255.

Custom Program

Select from the eight existing [**Custom**] programs and it will instantly play.

Enter the [**Edit**] section to create or edit program.

You can create or edit up to 100 scenes. To program less than 100 scenes, set the [**Step time**] of the scene **after** your last scene to 0.

Select the ID address of the target product. Setting ID address to 0 selects all products in the serial link. Color/Effects combination for different IDs is allowed.

Specify the [**Module**] or modules to run active.

0 = 1,2,3
1 = 1
2 = 2
3 = 3
4 = 1,2
5 = 2,3
6 = 1,3

RGB mix using the [**Red**], [**Green**] and [**Blue**] functions and adjusting the range between 0 and 255.

Select a [**Strobe**] speed from 0-20 Hz if desired.

Select the [**Step time**] for the current scene.
Step time unit values
Range 0~10 = 0.1sec per unit
Range 11~255 = 1 sec per unit

Set a [**Fade time**] for the current scene in one second increments from 0 to 255.

Play Schedule

Simply activate this menu [Play schedule] to run.

Clock

[**Clock**] ➲ [**Time now**]: To view the current time on the controller.
[**Clock**] ➲ [**Edit now**]: Edit the time and date.

Schedule

There are 24 **Wash, Effect,** and **Custom** programs that can be set with Start and End times. Start times take priority over End times; programs will not overlap. Programs with the most recent Start time will always override the existing previously executed program.

Settings

[**DMX address**]
This function sets the DMX address for the controller. It is addressable 001~250.
[Range]
Enter the number of products connected in series.
[**Allow edit**]
This function either enables or disables editing in **Wash**, **Effect** and **Custom** programs.
[**Detect device**]
This is the manual method of detecting and connecting the controller to all new products in series. It is generally used when you add more products to an existing system. Turning off and then on the controller has the same effect.
[**Reset to factory settings**]
This function will reset all the settings to the factory defaults except for [**Custom**] programs.

Factory Default Settings	
Setting	Default
[Schedule]	All times in schedule are reset to [00:00]
[Wash program]	Step times and fade times are reset to [001]
[Effect program]	Speeds are reset to [001]
[DMX address]	DMX address is reset to [001]
[Range]	Range is reset to [066]
[Allow edit]	Reset to [Yes]
[Password ON/OFF]	Password is reset to [OFF]
[Set password]	Password is reset to [00000000] Down=0, Up=1

Activating Password Mode

Set [**Password**] function to [**ON**]. This will prompt the user for a password every time the controller is powered on.
Toggle to [**Set password**] function in order to change the password.
Input an eight-digit password using the [**UP**] & [**DOWN**] keys. Press the [**SET**] button to confirm.

Control via External DMX

Programs in the controller can be accessed via an external DMX controller. It will be necessary to have the DMX address set on the ILUMICON controller. The controller operates on four channels of DMX control.

DMX Channel Values

Channel	Value	Function
1	000 ⇔ 010	Blackout
	011 ⇔ 030	Wash [1]
	031 ⇔ 040	Blackout
	041 ⇔ 060	Wash [2]
	061 ⇔ 070	Blackout
	071 ⇔ 090	Wash [3]
	091 ⇔ 100	Blackout
	101 ⇔ 120	Wash [4]
	121 ⇔ 130	Blackout
	131 ⇔ 150	Wash [5]
	151 ⇔ 160	Blackout
	161 ⇔ 180	Wash [6]
	181 ⇔ 190	Blackout
	191 ⇔ 210	Wash [7]
	211 ⇔ 220	Blackout
	221 ⇔ 255	Wash [8]
2	000 ⇔ 010	Blackout
	011 ⇔ 030	Effect [1]
	031 ⇔ 040	Blackout
	041 ⇔ 060	Effect [2]
	061 ⇔ 070	Blackout
	071 ⇔ 090	Effect [3]
	091 ⇔ 100	Blackout
	101 ⇔ 120	Effect [4]
	121 ⇔ 130	Blackout
	131 ⇔ 150	Effect [5]
	151 ⇔ 160	Blackout
	161 ⇔ 180	Effect [6]
	181 ⇔ 190	Blackout
	191 ⇔ 210	Effect [7]
	211 ⇔ 220	Blackout
	221 ⇔ 255	Effect [8]
3	000 ⇔ 010	Blackout
	011 ⇔ 030	Custom [1]
	031 ⇔ 040	Blackout
	041 ⇔ 060	Custom [2]
	061 ⇔ 070	Blackout
	071 ⇔ 090	Custom [3]
	091 ⇔ 100	Blackout
	101 ⇔ 120	Custom [4]
	121 ⇔ 130	Blackout
	131 ⇔ 150	Custom [5]
	151 ⇔ 160	Blackout
	161 ⇔ 180	Custom [6]
	181 ⇔ 190	Blackout
	191 ⇔ 210	Custom [7]
	211 ⇔ 220	Blackout
	221 ⇔ 255	Custom [8]
4	000 ⇔ 127	OFF
	128 ⇔ 255	ON

5. Technical Information

Product Maintenance

To maintain optimum performance and minimize wear, clean the product frequently. Usage and environment are contributing factors in determining the cleaning frequency. As a general guideline, the product should be cleaned at least twice a month. Dust build-up reduces performance and can cause overheating.

To clean a product:

- Unplug the product from power.
- Wait until the product has cooled.
- Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external vents and reachable internal components.
- Clean all plastic surfaces with mild soapy water and a soft, lint-free cotton cloth or a lens-cleaning tissue.

Always dry the external surfaces carefully after cleaning them.

Product Repairs

ILUMINARC® strongly advises you against attempting any repairs to this product unless you are an authorized ILUMINARC® technician.

ILUMINARC® presents the information contained in the Troubleshooting Guide as potential solutions only. In most cases, opening the product's housing will invalidate its warranty, unless there is a written indication to the contrary.

Troubleshooting Guide

Symptom	Action(s)
Loss of signal	Use only DMX-compatible cables Install terminator as suggested in the "DMX Primer" on the Iluminarc® website
Chase is too slow	Check speed adjustment
Device has no power	Check for power on mains
	Check I/O ports on adapter

If you still experience technical problems after trying the solutions in the Troubleshooting Guide, contact ILUMINARC® Technical Support.

Returns Procedure

ILUMINARC® reserves the right to use its own discretion to repair or replace returned product(s).

You must send the merchandise prepaid, in the original box, and with its original packing and accessories. ILUMINARC® will not issue call tags.

Call ILUMINARC® and request a Return Merchandise Authorization Number (RMA #) before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

The user must clearly label the package with an RMA #. ILUMINARC® will refuse any product returned without an RMA #. **DO NOT write the RMA # directly on the box. Instead, write it on a properly affixed label.**

Once you receive the RMA #, please include the following information on a piece of paper inside the box:

- Your name
- Your address
- Your phone number
- The RMA #
- A brief description of the problem

Always keep the original box and all packaging material as you will need those to ship the product back to ILUMINARC®.

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be the customer's responsibility. As a suggestion, proper FedEx packing or double-boxing are the shipping methods ILUMINARC® recommends.

Contact Us

World Wide

General Information

ILUMINARC®
5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 923-3680
Fax: (954) 929-5571
Email: info@iluminarc.com

Customer Support

Voice: (954) 923-3680 (ext. 4000)
Fax: (954) 756-8015
Email: tech@iluminarc.com

World Wide Web www.iluminarc.com

Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
7 in (178 mm)	5.2 in (131 mm)	2 in (51 mm)	1 lb (0.5 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

Electrical

Power Supply Type	Range
External power adapter	120~230 V, 50/60 Hz

Thermal

Parameter	
Consumption	13 W Max

Max. External Temperature
104° F (40° C)

Control & Programming

I/O Connectors	Connector Type	Channel Range
3-pin XLR	Sockets	1, 2, 3, 4

Ordering

ILUMICON
5555502

ILUMINARC®
5200 NW 108th Avenue
Sunrise, FL 33351 U.S.A.
Voice: (954) 923-3680
www.iluminarc.com

ILUMICON User Manual Rev. 02
January 2012

ILUMINARC®